

STURIS, L.

Find new ways for increasing the productivity of DSP-24 dryers.  
Muk.-elev. prom. 27 no.8:29 Ag '61. (MIRA 14:7)

1. Glavnyy inzhener Sibirskogo khlebopriyemnogo punkta Omskoy  
oblasti.

(Grain--Drying)

06248

SOV/107-59-6-12/50

6(

AUTHOR: Sturis, M. (RQ2AVL), Secretary

TITLE: Increasing the Numbers of Rural Radio Amateurs

PERIODICAL: Radio, 1959, Nr 6, pp 8-9 (USSR)

ABSTRACT: The author describes some of the measures for increasing the number of radio amateurs in the Tukumskiy rayon. Recently, a radio amateur club was organized in Tukum which already has 50 members. Members of the primary DOSAAF organizations are actively engaged in attracting more youths from the kolkhozes and villages to join the radio club. So far, there are 22 VHF amateur stations in the Tukumskiy rayon and some of the operators achieved outstanding results in All-Union contests. It is planned to increase the number of VHF amateur stations in the future.

ASSOCIATION: Tukumskiy RK CP Latvia

Card 1/1

STURIS, M.

Our suggestions. Radio no.4:15 Ap '61.

(MIRA 14:7)

1. Radiostantsiya UQ2AVL, chlen Tukumskogo samodeyatel'nogo  
radiokluba, uchastnik vtorykh Vsesoyuznykh sorevnovaniy sel'skikh  
ul'trakovolnovolnikov.

(Radio operators)

BEKER, M.Ye., kand. tekhn. nauk, red.; VIESTURS, U.R. [Viesturs, U.]  
red.; DIMBERGA, B.A., kand. biol. nauk, red.; KUKAYN, R.A.,  
[Kukains, R.], doktor med. nauk, red.; KARKLIN'SH, R.Ya.  
[Karklins, R.], kand. tekhn. nauk, red.; STURIS, T.E., red.;  
YAKOBSON, Yu.O. [Jakobsons, J.], kand. biol. nauk, red.

[Microbiological processes and production] Mikrobiologicheskie protsessy i proizvodstvo. Riga, Izd-vo AN Latv.SSR, 1964. 153 p. (MIRA 17:8)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu Akademijs. Mikrobiologijas instituts.

STURIS, Yu. I., elektromekhanik

Transistorized microphone amplifier. Avtom. telem. i svyaz' 4 no.9:  
21-25 S '60. (MIRA 13:9)

1. Rzhskya distantsiya signalizatsii i svyazi Latvyskoy dorogi.  
(Transistor amplifier) (Microfone)

CA STURKIN, D.A.

Magnetostriction of ferroalicon. D. A. Sturkin  
(Acad. Sci., U.S.S.R.). *Izvest. Akad. Nauk S.S.S.R.,  
Ser. Fiz. 11, 661-6(1947).*--Monocrystals with 3.5% Si  
were measured in vacuum ( $10^{-4}$  mm.) at 20-600°. For  
the const. of magnetostriction,  $\lambda$ ,  $23 \times 10^{-6} < \lambda_{\text{Hkl}} <$   
 $25 \times 10^{-6}$  and  $-3 \times 10^{-6} < \lambda_{\text{Hkl}} < -1.5 \times 10^{-6}$ ;  
 $\lambda_{\text{Hkl}}$  has a max. at approx. 480°;  $\lambda_{\text{Hkl}}$  decreases with  
rising temp. S. Pakser

STUELLIS, Yu., inzhener.

~~maintenances equipment inventory tables~~

Maintenance equipment inventory tables for automobile transport  
organizations. Avt.transp.32 no.12:11 D '54. (MLHA 8:3)  
(Transportation, Automotive) (Automobiles--Repairing)

STURLIS, YU.

STURLIS, Yu., inzhener; VAYNSHTEYN, N., inzhener.

A new type of inspection pit. Avt.transp. 33 no.2:12-14 F '55.

(MIRA 8:5)

1. Tekhnicheskoye upravleniye Ministerstva avtomobil'nogo transporta  
i shosseynykh dorog SSSR (for Sturlis). 2. Sochinskoye avtoupavleniye  
(for Vaynshteyn).

(Motor trucks---Inspection)



STURLIS, Yu., irzh.

Mechanized washing of motorbuses. Avt. transp. 37 no.2:16-21 P '59.  
(MIRA 13:1)

(Motorbuses--Maintenance and repair)

STURLIS, Yu., inzh.

Utilization of hidden potentialities. Avt.transp. 38  
no.3:17-18 Mr '60. (MIRA 13:6)  
(Motor vehicles--Maintenance and repair)

STUHM, H.

Transport and hoisting equipment for plants. p. 175. (Strojirenska Vyroba. Praha. Vol. 5, no. 4, Apr. 1957.)

SO: Monthly List of East European Accessions (EEAL) LC., Vol. 6, no. 7, July 1957. Uncl.

STURM, H.

Development and improvement of Factory transportation. p.219.  
(Strojirenska Vyroba, Vol. 5, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

STURM, Ivo

Fifteen years of experience with the Czechoslovak refrigerator cars in the Mrazirny National Enterprise. Prum potravin 15 no.1:20-21 Ja'64.

1. Mrazirny, n.p., zavod 01. zavod 12, sjezdu komunisticke strany Ceskoslovenska, Praha - Sedlec.

SZANTO, Laszlo, dr.; GYULAI, Erno, dr.; STURM, Jozsef, dr.

Death caused by myxedema. Orv.hetil. 101 no.42:1487-1489 16 0 '60.

1. Orszagos Reuma es Furdougyl Intezet, II, Belosztaly.  
(MYXEDEMA case reports)

STURN, V. A.

Ass't Prof., Leningrad State Pediatric Med. Inst. -c1948-. "The Treatment of Congenital  
Toes During Infancy," Vop. Ped. i. Okhran. Mater. i. Det., 16, No. 6, 1948.

STURMA, Alois

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

Affiliations:

Source: Prague, Practicky Lekar, Vol 41, No 9, 1961, pp 408-411.

Data: "Experience With the Treatment of Ulcers With Robudene."

Authors: STURMA, Alois, Health Department VPA /Vojenska politicka akademie;  
Military Political Academy/, Prague.

PLISKA, Josef, First Aid Unit MNO /Ministerstvo narodni obrany;  
Ministry of National Defense/, Prague.

670 981643

252



STURMA, A.; DUBOVSKY, J.; PETRASEK, J.; DUBOVSKA, E.

Studies on the excretion of  $\alpha$ -ketoglutaric, pyruvic and 3-methoxy-4-hydroxy mandelic acid in university students under the influence of increased work load. Activ. nerv. sup. 4 no.2:192-193 '62.

1. Zdrav. odd. VPA-KG, Praha, III interni klinika fak. vseob. lek., Praha.

(KETO ACIDS urine) (PYRUVATES urine)  
(MANDELIC ACIDS rel cpds) (STUDENTS)  
(FATIGUE MENTAL)

L 12948-66

ACC NR: AP6005670

SOURCE CODE: CZ/0079/65/007/002/0181/0183

AUTHOR: Tuma, J.; Sturma, A.; Kanturek, V.; Dankova, J.

ORG: Institute of Aviation Medicine, Prague; Military Academy, Prague; Institute of Industrial Hygiene and Occupational Diseases, Prague

TITLE: Psychophysiological and biochemical study in university students during examinations [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: *Activitas nervosa superior*, v. 7, no. 2, 1965, 181-183

TOPIC TAGS: psychophysiology, biochemistry, man, vision

ABSTRACT: Methods relating to different functional levels of higher nervous functions were used. An arithmetical test, a test for critical frequency of intermittent visual stimulation, and the clock test (stopping a clock at a given point on the dial). Twelve students aged 30-35 years were studied. In all students an increase in the performance after the examinations was found. The flicker fusion frequency was only slightly altered. However, neurotic students showed a lower performance with the clock test after the examinations. The changes were not due to the importance of the load but more to the conditions under which the tests were made. The CNS showed changes that indicate a negative effect of mental strain. Orig. art. has: 1 table. [JPRS]

SUB CODE: 05 06 / SUM DATE: none

Card 1/1 14

30943-66

ACC NR: AP6023156

SOURCE CODE: CZ/0060/65/000/004/0161/0164

AUTHOR: Sturma, Alois—Shturma, A. (Lt. colonel; Doctor of medicine; Candidate of sciences); Slavicek, Jaroslav—Slavichek, Ya. (Graduate physician) <sup>17</sup><sub>B</sub>

ORG: Sturma VPA KG, Prague; Slavicek Physiological Institute, FVL, KU, Prague (Fyziologicky ustav FVL KU)

TITLE: Physiological determination of physical fitness in relation to sports achievements of students <sup>72</sup>

SOURCE: Vojenske zdravotnicke listy, no. 4, 1965, 161-164

TOPIC TAGS: man, physical fitness, physiologic parameter

ABSTRACT: 31 healthy men aged 31-35 years were subjected to a standard physical load of 10.5 kgm/kg body weight (step test) for 5 minutes. The following were investigated: physical fitness index, pulse rate after physical stress, respiratory rate during and after physical exertion, the minute tidal volume during and after physical stress. The average fitness value was 89; the values found varied between 71 and 102. This shows the low fitness of the subjects, because an average athlete is subjected to stresses of 14 kgm/kg body weight. Orig. art. has: 7 figures and 1 table. Based on author's Eng. abst. JPRS

SUB CODE: 06 / SUM DATE: none / ORIG REF: 007 / OTH REF: 004

Card 1/1 cc

UDC: 613.7-072.7

0915

1367

STURMA, J

[Premature rupture of fetal membranes as a cause of premature births]  
Predcasny odtok vody plodove, jeho priciny a vztah k predcasnemu poro-  
du. Cesk.gyn. 15 no.1-2:101-108 '50. (CML 19:1)

1. Of the Third Obstetric-Gynecological Clinic (Head -- Prof. J.Trapl,  
M.D.), Prague.

STURMA, J.; MASEK, K.

Contributions to the article "Experimental findings on the metabolism of steroid hormones." Cesk. gyn. 17 no. 5-6:265-273 1952. (CLML 23:1)

1. Of the Institute of Mother and Child Welfare (Head--Prof. J. Trapl, M. D.) Prague-Podole.

STURMA, J., MUDr.

Management of labor during an acute thromboembolic accident. Cesk.  
gyn. 22[36] no.6:488-489 Sept 57.

1. Gyn. por. odd. Ty Turnov, primar MUDr J. Sturma.  
(LABOR, compl.  
thromboembolism, management (Cz))  
(THROMBOEMBOLISM, in pregn.  
during labor, management (Cz))

STURMA, Jan

Dependence of the development and growth of the fetus on the health condition of the mother. *Cesk.gyn.*25[39] no.6:445-459 J1'60.

1. Katedra gyn.-por. UJL Praha.  
(FETUS physiol)  
(PREGNANCY physiol)

CEPELAK, Jiri; STURMA, Jan

Effect of interrupted pregnancy on sexual behavior of the woman.  
Cesk.gyn.25[39] no.9:709-713 N '60.

1. Ustav pro peci o matki a dite v Praze, red.doc.dr. M.Vojta,  
zaslouzily lekar CSSR. Ustav pro doskolovani lekaru v Praze,  
reditel prof. dr. J.Knobloch, Dr.Sc.  
(ABORTION THERAPEUTIC)  
(SEX BEHAVIOR)



STURMA, J.; HAVRANEK, P.; VYHNANEK, K.

Chemical contraception. Cesk.gyn.25[39] no.10:742-746 D '60.

1. UDL, Praha, red. prof. dr. J.Knobloch. UPMD, Praha, red.doc.  
dr. M.Vojta; VUFB, Praha, red. dr. inz. O.Nemecek v Prase.  
(CONTRACEPTIVE;)

CEPELAK, Jiri; STURMA, Jan

The effect of mechanical contraceptives on sexual life in women.  
Cesk. gyn. 26 [40] no.5:392-394 1961.

1. Ustav pro peci o matku a dite, Praha, reditel doc. dr. Mir. Vojta,  
zasl. lekar CSSR Ustav pro doskol. lekaru, katedra gyn. por., Praha,  
prednosta doc. dr. Ant. Cernoch.  
(CONTRACEPTIVES) (SEX BEHAVIOR)

STURMA, J.

The problem of delayed fetal development during intrauterine life.  
Cesk. gynek. 26 no.9:662-669 N '61.

1. Gyn. por. klinika UDL Praha, prednosta doc. MUDr. Ant. Cernoch.

(FETUS)

STUFMA, J.; HAVRANEK, F., CSc.; VYHJANEK, K.

Use of a cream in contraception. Cesk. gynek. 27 no.9:666-668 N '62.

1. UDL -- Praha, red. prof. MUDr. J. Knobloch, UPMD -- Praha, red. doc.  
MUDr. M. Vojta, VUFB -- Praha, red. dr. inz. O. Nemecek.  
(CONTRACEPTIVES)

CZECHOSLOVAKIA

STURMA, J., MD.

Obstetrics-Gynecological Ward of the Hospital KUNZ  
(Porodnicko-gynekologicke oddeleni nemocnice  
KUNZ), Ceske Budejovice

Prague, Prakticky lekar, No 9, 1963, pp 325-326

"Chemical Contraception."

WURM, Boleslav; CERNY, Zdenek, inz.; NCSEK, Bohuslav; FOLDINA, Josef;  
STURMA, Jan; ELIASEK, Jaroslav

Socialist pledge of organizers. Podnik organizace 17 no.2:54-56 F '63.

1. Ministerstvo vseobecneho strojirenstvi, organizacni stredisko C2  
(for Wurm, Cerny and Nosek). 2. Tatra, n.p., Koprivnice (for Foldina).
3. Metalis, n.p., Nejdek (for Sturma). 4. Ceske zavody motocyklove,  
Strakonice (for Eliasek).

STURMAN, A.V., veter. vrach (Strashenskiy rayon, Moldavskaya SSR); BULGAKOV, Yu.N., veter. fel'dsher (Strashenskiy rayon, Moldavskaya SSR); KALNITSKIY, P.I., veter. vrach (Strashenskiy rayon, Moldavskaya SSR); OCHAKOVSKIY, Z.M., veter. vrach (Strashenskiy rayon, Moldavskaya SSR); GOTSENOGA, A.D. (Strashenskiy rayon, Moldavskoy SSR); ABRAM-  
YAN, G.I., veter. vrach; MEKHTIYEV, M.G., veter. fel'dsher (s. Shi-  
rozlu, Vedinskogo rayona Armianskoy SSR); KIRAKOSYAN, A.A., veter.  
vrach; GEORGIYEV, Yu.P., veter. vrach; LOMAKIN, A.M., nauchnyy so-  
trudnik; SHEPELEV, L.A., veter. vrach.; TARASOV, I.I., assistant;  
ROMASHKIN, V.M., veter. tekhnik; ANDRIYAN, Ye.A.; BARTENEV, V.S.;  
KOROL', Ye.I., veter. tekhnik; YEROSHENKO, A.K., aspirant; BANZEN,  
Ya.P.; SARAYKIN, I.M., prof.; ZHEVAGIN, A.N., veter. vrach; BUT'-  
YANOV, D.D., veter. vrach (Klimovichskiy rayon, Mogilevskoy oblas-  
ti BSSR); SHALYGIN, B.V., veter. vrach (Klimovichskiy rayon, Mogi-  
levskoy oblasti, BSSR); RYABOKON, G.T., veter. fel'dsher; MOVSUM-  
ZADE, K.K., prof.; DUGIN, G.I., aspirant; TITOV, G.I., nauchnyy sotrudnik;  
MEDVEDEV, I.G., veter. vrach.; ALIKAYEV, V.A.; ALLENOV, O.A., veter.vrach.

Prophylaxis and treatment of noninfectious diseases in calves and  
piglets. Veterinariia 40 no.40-47 F '63. (MIRA 17:2)

1. Ul'yanovskaya oblastnaya veterinarno-bakteriologicheskaya labo-  
ratoriya (for Sturman). 2. Kolkhoz imeni Kirova. Volokonovskogo  
(Continued on next card)

STURMAN, I.I.

Vaccination of young poultry against pasteurellosis. Veterinariia  
41 no.5:52-55 M. 164. (MIRA 18:3)

1. Poveduyushchiy otdelom bolezney ptits Ulyanovskoy oblasti  
veterinarnoy laboratorii.



L 27485-66 EWT(1)/T JK

ACC NR: AP6012253 (A) SOURCE CODE: UR/0346/65/000/012/0085/0086

AUTHOR: Sturman, I. I. (Chief of Bird Diseases Section) 27  
B

ORG: Ul'yanov Regional Veterinary Laboratory (Ul'yanovskaya oblastnaya veterinarnaya laboratoriya)

TITLE: Role of chicken mites in spreading pasteurellosis

SOURCE: Veterinariya, no. 12, 1965, 85-86

TOPIC TAGS: insect control, animal disease, animal disease  
therapeutics, animal parasite, disease control, fowl plague

ABSTRACT: Chicken mites Dermanyssus gallinae were shown to be carriers of avian pasteurellosis. Studies established that wild pigeons are not carriers of virulent pasteurella, but are carriers of pasteurella during periods of outbreaks of sickness in domestic birds. Effectiveness of anti-pasteurellosis measures (vaccination, isolation of diseased chicks) is increased if the mites are simultaneously exterminated. Orig. art. has: none.

SUB CODE: 06/ SUBM DATE: none.

Card 1/1 BLG

UDC: 619:576.895.4:616.981.45

87 04/10/1957 I 7/A  
BIRKOVSKIY, Yu.Ye.; PYASTSKAYA, Ye.N.; SHERMAN, I.Ya.

Epidemiological effectiveness of the dispensary method in the  
treatment of dysentery. Zhur.mikrobiol.epid. i immun. 28 no.3:  
23-27 Mr '57. (MIRA 10:6)

1. Iz Kiyevskogo instituta epidemiologii, mikrobiologii i gigiyeny  
(DYSENTERY, BACILLARY, therapy  
dispensary methods (Rus))

STURMAN, Sandor

Short-wave adapter for transistor radio ~~sets~~. Radiotechnika 15  
no.1:11 Ja '65.

STURMANE, Milda; TUMSEVICS, V., kand. ekonom. nauk, red.; ZUMBERGA, M.,  
~~red.~~; BITARS, A., tekhn. red.

[Ways of improving the overhauling of industrial equipment in  
the metalworking industry of the Latvian S.S.R.] Razosanas  
iekartu kapitalremonta pilnveidosanas iespajas Latvijas PSR  
metalapstradasanas rupnieciba. Riga, Latvijas PSR Zinatnu  
akademijas izdevnieciba, 1961. 91 p. (MIRA 15:3)  
(Latvia--Metalworking machinery--Maintenance and repairs)

STURMANIS G.

S.A.

sect. B

MACHINES

621.313.333.2

2032. Sectioning of end-rings in rotors of squirrel-cage induction motors. G. STURMANIS. Latv. PSR Zin. Akad. Var., No. 2, 307-308 (1951) in Latvian.

Sectioning of one or both end-rings results in increase of starting and braking torques of squirrel-cage motor. This sectioning should be done without disturbing the symmetry of the secondary circuit. Sections are slanted by steel-core laminations. Analysis of circuits shows that the current in the cage consists of one component corresponding to normal operating conditions of the motor and another component resulting from sectioning of end-rings and shunting of sections. Such motors are not recommended for continuous operation at full load, but on intermittent service with frequent starting and braking periods may offer savings in the required installed rating.

J. LUKASZEWICZ

*STURMANIS, G.*

STURMANIS, G., doktor tehnikeskikh nauk, professor; APSĪTIS, V., aspirant;  
KROGERIS, A., aspirant.

Electrical machines in electric power systems for railroad cars. Latv. PSR  
Zin.Akad.Vēstis no.3:93-114 '52. (MLRA 6:6)

1. Institut enerģētiķi i elektrotehnikai Akadēmijā nauku Latvijas PSR.  
( Railroads - Cars - Electric equipment ) (Dynamos)

STURNA, J.

4  
CSSR

HORECKY, J.; SEVCIK, L.; STURNA J.; MINARIKOVA, F.

Dept. for cardio-pulmonary surgery of the Scientific Laboratory for research of surgical pathophysiology at the Medical Faculty of Comenius University, Bratislava (Oddelenie kardiopulmonalnej chirurgie Vedeckeho laboratoria pre vyskum chirurgickej patofyziologie Lek.fak. Univ. Komenského), director: docent M. Kratochvíl, MD

Bratislava, Bratislavské Lekárske Listy, No 7, 1963, pp 385-393

"The Importance of Hypothermia in Boháemic Anoxia of the Myocardium"

STURONKIN, A. V.

7 Changes in the chemical potentials and in the partial pressures of the components of ternary, two-phase systems during isothermal-isobaric changes in composition. A. V. Sturonkin and M. M. Skol'nik. *Vestnik Leningrad. Univ.* 1954, 9, 12, 1-2, 131-133 (1954).

The relation between the changes in compn. and the chem. potentials of ternary, 2-phase systems at const. pressure and temp. was derived. The conditions for which the potentials and the partial pressures have a max. or min. were detd. Rules were formulated for the direction of the changes in chem. potential and partial pressure of the components during isothermal and isothermal-isobaric changes in compn. of the solids.

J. Rozar Leach

PM

6



STUKOV, D.S.

Analysis of cycle diagram: for multiposition sheet metal  
working automatic presses. Kuz.-shtam.proizv. 5 no.4:32-37  
Ap '63. (MIRA 16:4)

(Sheet metal working machinery)

SKAFA, B.F., kand.tekhn.nauk; MAKHNO, D.Ye., inzh.; STUROV, I.A., inzh.;  
GARGONOV, A.T., inzh.; BATYGIN, S.P., inzh.; BELAY, B.G., inzh.

Results of the testing of shield support units. Sbor.DonUGI  
no.20:16-38 '61. (MIRA 15:6)  
(Donets Basin--Mine timbering)

KOPEČNÝ, J., inz. (Pardubice); STURSA, J., inz. (Pardubice)

A nomograph of determining the exposure time in photographic enlarging. Jemna ~~mach~~ opt 6 no.2:52-53 F '61.

61531-65 EWT(m)/EPF(n)-2/T/EP (b)-2 Pu-4  
 ACCESSION NR: AP5019179

CZ/0038/64/010/011/0406/0406

20  
 B

AUTHOR: Stursa, Jaroslav (Shtursa, Ya.)

TITLE: Investigation of the feasibility of using CO<sub>2</sub> condensation in the direct cycle of a nuclear power plant

SOURCE: Jaderna energie, v. 10, no. 11, 1964, 406

TOPIC TAGS: nuclear power plant, carbon dioxide, condensation reaction, gas cooled reactor, nuclear power technology

ABSTRACT: SVUT Report 60-08002/1960. The feasibility of designing a direct cycle nuclear power plant was investigated. An analysis and computations are presented of the cycle with CO<sub>2</sub> condensation. The cycle is evaluated from the viewpoint of application in gas-cooled heavy-water reactors for nuclear power plants.

ASSOCIATION: Státní výzkumný ústav tepelné techniky, Prague (State Research Institute of Heat Engineering)

SUBMITTED: 00  
 NR REF SOV: 000

ENCL: 00  
 OTHER: 000

SUB CODE: NP, IC  
 JPRS

Card 1/1

STURUA, G. A.: Master Med Sci (diss) -- "Occupational diseases of the skin among tea-pickers (Etiology, clinical aspects, treatment, prophylaxis)".  
Tbilisi, 1959, 21 pp (Tbilisi State Med Inst), 200 copies (KL, No 17, 1959, 111)

STURUA, G.A., kand.med.nauk

Dermatitis caused by poison sumac. Vest. dermat. i ven. 37  
no.2:51-53 F'63. (MIRA 16:10)

1. Iz Respublikanskogo kozhno-venerologicheskogo dispansera  
(glavnyy vrach N.S.Kikava) Adzharskoy ASSR.

STURUA, G.A., kand.med.nauk

Herpes zoster of the oral mucosa and tongue. Vest. derm. i ven. 38  
no.3:81 Mr '64. (MIRA 18:4)

1. Kozhnoye otdeleniye Respublikanskogo venerologicheskogo dispansera  
(glavnyy vrach R.S.Kikava) Adzharskoy ASSR.





STURUA, G.G.

Human Physiology

Dissertation: "Nitrogen Metabolism in the Case of Oxygen Starvation." Cand BiolSci  
Second Moscow State Medical Inst imeni I.V. Stalin, 22 Mar 54. (Vechernyaya Moskva,  
Moscow, 13 Mar 54).

SO: SUM 20 Sep 54

IVANOV, D.I.; STURUA, G.G.

Supplying the organism with oxygen under conditions of extremely rarefied atmosphere (experiments with animals) [with summary in English]. Biofizika 4 no.2:243-249 '59. (MIRA 12:4)

1. Nauchno-issledovatel'skiy institut aviatsionnoy meditsiny, Moskva.

(ANOXIA, eff.

resp. of anesthetized animals in simulated extreme altitudes (Rus))

FEDOROV, I.V.; KHAZEN, I.M.; STURUA, G.G.

Change in the correlations between excretions of 17-hydroxycorticosteroids and 5-hydroxyindoleacetic acids in pilots. Vop. med. khim. 9 no.4:583-587 N-D '63.  
(MIRA 17:10)

VOROB'YEVA, R.A.; STURUA, L.P.

Safe cleaning of dehydrators. Bezop. truda v prom. 3 no.6:27-28  
Je '59. (MIRA 12:10)  
(Petroleum industry--Equipment and supplies)

STURUA, L.P.

Safety measures in operating an installation for making TSIATIM-339  
additive. Trudy VNIITB no.13:83-89 '60. (MIRA 14:12)  
(~~TSIATIM-339~~)

OSIPOV, Vladimir Dmitriyevich; STURUA, M., red.; GINZBURG, A., tekhn.red.

[The money is on the right; a Canadian notebook] Den'gi lezhat  
sprava; kanadskie zametki. Moskva, Izd-vo "Izvestiia," 1960.  
214 p. (MIRA 13:6)

(Canada--Description and travel)

KASSIS, Vadim Borisovich; STURUA, M., red.; GINZBURG, A., tekhn. red.

[Maldiv Islands an archipelago without mysteries; report  
from the atolls of the equator] Mal'divy - arhipelag bez  
tain; reportazh s atollov ekvatora. Moskva, Izd-vo "Izve-  
stiya," 1963. 110 p. (MIRA 16:8)  
(Maldiv Islands—Description and travel)

ZHEGENT, T.I.; STURUA, N.I., red.; SARKISYAN, L.N., red. izd-va;  
DZHAPARIDZE, N.A., tekhn. red.

[Collective-farm peasantry of the Abkhazian A.S.S.R. in the  
struggle for agricultural reconstruction during the post-  
war period, 1945-1958] Kolkhoznoe krest'ianstvo Abkhazskoi  
ASSR v bor'be za vosstanovlenie i razvitie sel'skogo khoziaistva  
v poslevoennyi period, 1945-1958 gody. Tbilisi, Izd-vo Akad.  
nauk Gruzinskoi SSE, 1960. 63 p. (MIRA 14:4)  
(Abkhazia--Collective farms)



STURUA, V.  
25582

Priglasenie dlya prezerovaniya kulis rulevykh mashin. Predlozhenie slesarya  
T. Larina vneirennoye no zavode Im. V. Sturua. Mor. FLOT, 1948, No.7,  
s. 44-45.

SO: LETOPIS NO. 30, 1948

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Jl-Ag '58

(MIRA 11:10)

(ADZHAR A.S.S.R.--DERMATOPHYTES)

CUREA, I.; MIHAILESCU, Dtr.; TORO, E.; CUREA, O., prof.; BERCEI, E.;  
GHEREGA, O.; JURA, C., conf.; OHANOVICI, N.; SINITEANU, D., asist.;  
LAMOTH, P., conf.; POLICEC, A., asist.; MARIENUT, U., asist.;  
STURZ, I.; OITA, V.; BAEA, R.; MUNTEANU, A.; SCHIFF, A., asist.

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1. Membru al Comitetului de redactie, "Studii si cercetari de astronomie  
si seismologie" (for I. Curea). 2. Studenti la Institutul Pedagogic  
Timisoara (for Bercei and Gherega).

STRNAD, Miroslav; HOLECKOVA, Rut; ROZANEK, Pavel; STAROSTA, Vladimir;  
SEBESTA, Josef; STURSA, Vladimir; VOJTEK, Jaroslav

A method for the diagnosis of new cases and recurrence of  
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Ibid.:583-587

Resistance problems in Mycobacteria tuberculosis and the  
treatment of severe tuberculosis with secondary antituber-  
cular agents. Ibid.:589-592

Some cases of severe tuberculosis escaping early diagnosis.  
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BALINT, Peter; KISS, Eva; STURCS, Jozsef

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no.4:262-272 August 1959

1. Budapesti Orvostudományi Egyetem Klettani Intezete.

(BLOODLETTING, eff)

(HEART, physiol)

(KIDNEYS, blood supply)

BALINT, Peter; KISS, Eva; STURCZ, Jozsef

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Kiserletes Orvostudomány 11 no.4:351-362 August 1959

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(KIDNEYS, blood supply)  
(HEART, physiol)

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segedletevel

Blood circulation and renal function in post-hemorrhagic  
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(HYPOTENSION exper)  
(KIDNEYS physiol)

BALINT, P.; FEKETE, Agnes; STURGZ, J.; with the technical assistance of  
S. Szalay.

The influence of haemorrhage on circulation and renal function in  
the dog. Acta physiol. hyg. 17 no.3:287-293 '60.

1. Institute of Physiology, Medical University, Budapest  
(HEMORRHAGE, exper)  
(BLOOD CIRCULATION physiol)  
(KIDNEYS, physiol)



STURZ, R.

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1. Statni vyzkumny stav tepelne techniky, Praha.

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MATES, E.

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1. Institutul de balneologie si fizioterapie, Bucuresti.

(SPONDYLOSIS, complications  
brachialgia & intercostal neuralgia in cervico-dorsal spondylosis,  
balneol. & phys. ther.)

(ARM, dis.  
pain caused by cervico-dorsal spondylosis, balneol. & phys.  
ther.)

(NEURALGIA  
intercostal, caused by cervico-dorsal spondylosis, balneol. &  
phys. ther.)

(NERVES, THORACIC. dis.  
intercostal neuralgia, caused by cervico-dorsal spondylosis,  
balneol. & phys. ther.)

(BALNEOLOGY, in various dis.  
brachialgia & intercostal neuralgia caused by cervico-dorsal  
spondylosis)

(PHYSICAL THERAPY, in various dis.  
same)

C.A.

H.H.

**Effect of 1,2-dihydroxy-3-(4-methylphenoxy)propane -**  
Zoltán Dirner and Tibor Sturácz, (Eudományegyetemi  
Gyógyszertani Intézet, Szeged, Hung.). *Magyar Belorvosi*  
*Arch.* 1, 276-82 (1948).--In frogs and rabbits the compd. has  
a paralyzing effect not only on the central nervous system  
but also on the peripheral nervous system. The effect is  
preceded by central excitation and increase of reflex excit-  
ability. Such convuls. which paralyzed nerve elements were  
quite ineffective on striated muscle fibers. The compd.  
has also a paralyzing influence on the nonstriated muscle of  
isolated intestine. Tetanic spasms caused by strychnine  
were transformed to clonic movements after the compd.  
István Fiala

STUSAK, Josef M.

New discoveries about nymphs of some tingid bugs (Hemiptera-Heteroptera, Tingidae). Cas entom 57 no.2:118-128 '60. (EEAI 10:1)

1. Chair of Plant Protection, High School (Univ.) of Agriculture,  
Prague.

(Heteroptera) (Hemiptera) (Tingidae)

STUSAK, Josef M.

*Acalypta samara* (Puton, 1887), a new variety of lace bugs in the  
Czechoslovak fauna. *Biologia* 16 no.3:209 '61.  
(EEAI 10:9/10)

1. Katedra ochrany lesa a zoologie Vysoke skoly zemedelske, Praha.

(LACE BUGS)

STUSAK, Josef M., dr. (Neveren 13 u Plzne)

Immature stages of *Elasmotropis testacea* (H.-S.) and notes  
on the bionomics of the species (Heteroptera, Tingidae).  
Cas entom 59 no.1:19-27 '62

1. Chair of Forest Protection and Zoology, High School of  
Agriculture, Praha.

STUSAK, Josef M., dr. (Nevren 13, u Plzne)

The nymphal instars of four lace bugs from Czechoslovakia  
(Heteroptera, Tingidae). Cas entom 59 no.2:111-123 '62.

1. Chair of Forest Protection and Zoology, Agricultural  
University, Praha.



STUSAK, Josef M.

Entomofauna of an alfalfa field in Karlstein area. Rozpravy mat  
CSAV 72 no.9:3-77 '62

CZECHOSLOVAKIA

Josef M. STUSAK, Department of Zoology, College of Agriculture (Katedra zoologie, Vysoka skola zemedelarska,) Prague.

"*Hyalochiton komaroffi* (Jak.) in Czechoslovakia (Heteroptera, Tingidae.)"

Bratislava, Biologia, Vol 16, No 2, 1963; p 165.

Abstract: Finding of 2 specimens is reported. The species is so striking that it could not have escaped the attention of entomologists if it were indigenous; hence the individuals caught must have migrated from the Mediterranean. Three references: Hungarian, Soviet, German.

1/1

STUSAK, Josef M., dr. (Nevren 13 u Plzne)

The nymphs of *Agramma minuta* (Horv.), *Acalypta gracilis* (Fieb.) and *Diptyonota tricornis* (Schrk.), (Heteroptera, Tingidae). Cas entom 61 no 3:19-24, '64

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653710009-9"

1. Chair of Zoology, Agricultural University, Praha.

STUSEK, Anton, dipl. inz. mas. (Zagreb, Proletarskih brigada 52 s)

Fluid amplifiers. Automatika 5 no.6:494-497 '64.

1. R. Stasak, L. P.

5.2

electromagnetic radiation,

ABSTRACT: The basic premise is that the speed of propagation of electromagnetic radiation is proportional to linear frequency. This is assumed to explain the fact that a constant speed of propagation is observed for light of different wavelengths. From

potential lowers the threshold of spontaneous radioactive decay, and the half-life,

Card 1 of 2

of an element. Final conclusions are: 1) elements with periodic numbers higher  
than 100 have been formed under a force of gravity

STUSYAK, P.L.

Hypothesis on the role of gravitation in nature. Uch. zap. Kaz. un  
123 no.12:92-95 '63. (MIRA 17:11)

HUNGARY

ROMICS, Laszlo, STUTZEL, Maria: Medical University of Budapest, III. Medical Clinic (Budapesti Orvostudományi Egyetem, III. sz. Belklinika).

'Secretion of Parenterally Administered, Labelled Vitamin B<sub>12</sub> in the Small Intestine of the Rat.'

Budapest, Kiserletes Orvostudomány, Vol XIX, No 1, Jan 67, pages 48-54.

Abstract: [Authors' Hungarian summary] Co<sup>58</sup>-labelled cyanocobalamine was administered intravenously to control rats and to rats which underwent a previous ligation of the ductus choledochus or which were subjected to ligation of the ductus choledochus and removal of the pancreas. Activity was present in the intestinal content both after 1 and 24 hours. It was demonstrated by paper chromatography that the activity was carried by the vitamin B<sub>12</sub> or by some bound form of it. The labelled vitamin B<sub>12</sub> appeared in the intestinal content even after a large amount of non-labelled vitamin B<sub>12</sub> had been introduced previously. On the basis of these findings it is concluded that an active role is played by the intestinal wall in the secretion of vitamin B<sub>12</sub>. 2 Hungarian, 16 Western references. [Manuscript received 14 Feb 66.]

1/1

STUTZEL, Maria, dr.; N. CASPAR, Zsuzsanna, dr.; KEMENY, Armand, dr.  
egyetemi tanar, az allatorvostudományok kandidátusa; BOLDIZSAR.  
Harrison, dr.

Studies on the function of thyroid gland of chickens using  
J<sup>131</sup>. Pt.5. Magy allatorv lap 19 no.2:52-55 F '64.

1. Chair of Epidemiology, University of Veterinary Medicine,  
Budapest. 2. Head of Chair, Chair of Epidemiology, University  
of Veterinary Medicine, Budapest (for Kemeny).



STUTTI, J.

The 4th international course on geodetic measurement of distance  
from the viewpoint of mining engineering. Uhli 4 no.1:31 Ja '62.

1. Katedra banskeho meracstva a geofyziky, Vysoka skola technicka,  
Kosice.

STUTZ, Jaromir

Foreign visitors in the enterprise Ceskomoravska-Kolben-Danek.  
Podnik organizace 17 no.2:83-85 F '63.

1. Ceskomoravska-Kolben-Danek Praha.

KEMENY, László; KUTAS, Ferenc; STUTS, Maria

Changes in inorganic phosphate and glycerodiphosphoric acid content of blood in hypothermia at the beginning of neonatal life. Kiserletes orvostud. 9 no.2:158-165 Apr 57.

1. Allatorvostudományi Főiskola Elettani Intézete Budapest.

(HYPOTHERMIA, exper.

eff. on inorganic phosphate & glycerodiphosphoric acid content of blood in newborn animals (Hun))

(PHOSPHATES, in blood

inorganic, eff. of exper. hypothermia in newborn animals (Hun))

(GLYCEROPHOSPHATES, in blood

glycerodiphosphoric acid, eff. of exper. hypothermia in newborn animals (Hun))

KUTAS, Ferenc; STUTZEL, Maria

Changes in the organic acid-soluble phosphate content of erythrocytes parallel with age in dogs and rabbits. Kiserletes orvostud 9 no.5-6: 600-606 Oct-Dec 58.

1. Allatorvostudományi Főiskola Elletani Intézete.

(PHOSPHATES, in blood

organic, acid-soluble, changes parallel with aging in dogs & rabbits (Hun))

(AGING, eff.

on acid-soluble organic phosphate content of erythrocytes in dogs & rabbits (Hun))

STUYT, I.

Specialists from the German Democratic Republic visit the Academy of Sciences of the Latvian S.S.R. Vestis Latv ak no.3:150 '61.

PORTER, I.; STUZHIN, A.

Useful discussion; seminar of news photographers in Prague.  
Sov. foto 22 no.12:24 D '62. (MIRA 16:1)

1. Fotekorrespondenty TASS.

(Photography, Journalistic) (Prague—Exhibitions)

STUZINA, E. P.

Dissertation defended for the degree of Candidate of Historical Sciences at the  
Institute of the Peoples of Asia

"Handicraft Production in China (Second Half of the XVI-End of the XVIII Century)."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

STUZHINA, E. P.

"Kitayskiy feodal'nyy gorod v XII-XIII vv (na primere Kayfyna i Khanchzhou)."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,  
Moscow, 3-10 Aug 64.



CZECHOSLOVAKIA

STUZKA, V; STRANSKY, Z; RUZICKA, E.

Institute of Organic, Analytic and Physical Chemistry of  
Palacky University, Olomouc (for all)

Prague, Collection of Czechoslovak Chemical Communications,  
No 6, 1963, pp 1399-1406

"Oxazines as Azidobasic Indicators I. Study of 1,2-Benzo-  
3-(N-1-Naphthylamino)-7-Dimethylaminophenoxazonium  
Chlorides and 1,2-Benzo-3-Aminophenoxazon-(7)."

STVAN, ANTONIN

Geodesie pro architekta. Antonin Stvan (a) Josef Zeman. (Vyd. 1.) Praha, Statni pedagogicke nakl., 1953. 120 p. (Ucebni texty vysokych skol) (Geodesy for architects; a university textbook. 1st ed. illus.)

SD: Monthly List of East European Accessions. (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

PAVLOK, Jan, MUDr.; CAPEK, Dominik, Prof., MUDr.; CERNOCH, Otakar, MUDr.;  
STVERAK, Jiri, MUDr.; MALCIK, Vladimir, MUDr.; MIKULA, Jiri, MUDr.;  
CAMSKY, Jiri, MUDr.

Special hygiene of aviators. Voj. zdrav. knihovna no.22:1-175  
1954.

(MEDICINE AVIATION,  
prev. & hyg. aspects (Cz))

SVITAK, Jiri

Technical motion pictures, the most efficient means of technical and economic propaganda. Tech praca 16 no.2:147-148 F'64.

1. Ustredni rada Ceskoslovenske vedecko-technicke spolecnosti.

STVEKAL, Jiri; JIRAL, Jan

For further development of the initiative and competition of technicians. Tech praca 16 no.3:186-187 Mr '64.

1. Central Council of the Czechoslovak Scientific and Technological Society.

400  
L 41519-65 ARG/SSO-2/ENG(j)/ENT(d)/FBD/FSS-2/ENG(r)/ENT(l)/FBO/EMP(c)/ENT(c)/  
ENT(h)/FS(v)-3/EPF(c)/EEO(k)-2/ENG(s)-2/EMP(i)/EMP(f)/ENG(v)/ENT(c)/EMP(v)/EDA(l)/  
EPF/EMP(j)/T-2/ENG(a)-2/EMP(h)/EPA(bb)-2/EEO(c)-2/SSO-2/ENG(c)/FCS(k)/EMP(b)/163  
ANALYSIS PI-4/PK-4/PK-4/PK-4/BOOK EXPLOITATION PI-4/PK-4/PK-2/PS-4/PR-4/141  
Po-4/Pe-5/Pq-4/Pac-4/Pr-4 IUP(c) AST/TR/ET/DD/ET/GH/EG/JH  
Barvir, Mironlav, (Engineer); Dones, Konrad, (Professor, Doctor); Bouska, Jiri, (Doctor);  
Bavir, Mironlav, (Engineer); Dones, Konrad, (Professor, Doctor); Bouska, Jiri, (Doctor);  
(Doctor); Hnil, Ivo, (Graduate in Philosophy); Cepicka, Zdenek, (Candidate of Physical and Mathematical Sciences); Codr, Milan, (Doctor); Dolcizal, Vladimir, (Doctor);  
(Doctor); Dvorak, Antonin, (Candidate of Medical Sciences); Dvorak, Josef, (Doctor);  
Guth, Vladimir, (Candidate of Medical Sciences, Docent, Doctor); Hornk, Zdenek, (Doctor of Physical and Mathematical Sciences, Corresponding Member of the  
Czechoslovak Academy of Sciences, Professor, Doctor); Hrospodar, Jan, (Doctor of Physical and Mathematical Sciences, Doctor); Kleczek, Josip, (Doctor); Klest, (Candidate of Physical and Mathematical Sciences); Kolodovsky, Milan; Kornl, Emil, (Candidate of Physical and Mathematical Sciences); Krivicky, Vladimir (Doctor); Kopecky, Miloslav, (Candidate of Legal Sciences); Krivicky, (Candidate of Physical and Mathematical Sciences); Kviz, Zdenek, (Candidate of Physical and Mathematical Sciences); Ledvina, Milan, (Engineer); Malcik, Vladimir, (Doctor); Moravek, Milan, (Candidate of Medical Sciences); Mrazek, Jaroslav, (Candidate of Medical Sciences, Engineer); Mrazek, Jiri, (Candidate of Technical Sciences); Mrazek, Zdenek, (Candidate of Physical and Mathematical Sciences); Novotny, Zdenek, (Doctor); Pernegr, Jaroslav, (Doctor); Candidate of Physical and Mathematical Sciences; Pesek, Rudolf, Professor, (Doctor, Engineer); Pizal, Miloslav, (Doctor of Technical Sciences, Corresponding member, of the Czechoslovak Academy of Sciences); Plavec, Mironlav, (Doctor); Pokorny, Zdenek, (Candidate of Physical and Mathematical Sciences, Docent, Doctor);

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14

Ruml, Vladimir, (Candidate of Medical Sciences, Doctor); Sadil, Josef, (Doctor of Physiological Sciences); Sehnal, Ladislav; Stverak, Jiri, (Doctor); Svestka, Zdenek, (Doctor); Tuma, Jaroslav, (Candidate of Physical and Mathematical Sciences, Doctor); Tysl, Vaclav, (Docent, Engineer); Ulehla, Ivan, (Candidate of Technical Sciences, Professor, Doctor); Valnicek, Boris, (Candidate of Physical and Mathematical Sciences, Doctor); Vanysek, Vladimir, (Candidate of Physical and Mathematical Sciences, Docent, Doctor); Vlasak, Marian, (Candidate of Physical and Mathematical Sciences; Doctor); Voda, Miloslav, (Engineer)

Principles of astronautics (Zaklady kosmonautiky) Prague, Orbis, 1964. 445 p. illus., biblio. 5000 copies printed.

TOPIC TAGS: cosmonautics, rocket, satellite, space flight, <sup>2</sup>missile <sup>15</sup>

PURPOSE AND COVERAGE: This publication is a popular scientific reference book for people working in cosmonautics. The book presents a survey of cosmonautics and space flight up to 1 June 1963.

TABLE OF CONTENTS:

Card 2/8

ACC NR: AP7005120

SOURCE CODE: CZ/0087/66/000/004/0044/0049

AUTHOR: Jokl, Miloslav (Engineer; Candidate of sciences); Stverak, Jiri (Lieutenant colonel; Doctor of medicine)

ORG: [Jokl] Department of Industrial Hygiene and Occupational Diseases, Prague (Ustav hygieny prace a chorob z povolani); [Stverak] Department of Aviation Hygiene, Prague (Ustav leteckeho zdravotnictvi)

TITLE: The cosmonaut and the spacecraft capsule microclimate

SOURCE: Radar, no. 4, 1966, 44-49

TOPIC TAGS: cabin pressurization, life support system, manned spacecraft, spacecraft cabin microclimate, spacecraft capsule environment/Vostok-2 manned spacecraft, Vostok-1 manned spacecraft

ABSTRACT:

Soviet specifications for spacecraft cabin atmospheres require that cabin air pressure be  $760 \pm 50$  mm Hg. In Vostok-2 this ranged from 750 (at launch) to 755 (4th orbit) to 740 mm Hg (at the end). The  $O_2$  concentration should not drop below 17—18% ( $pO_2 = 130—136$  mm Hg). In Vostok-2  $O_2$  concentration varied from 24—27%. For prolonged stays in sealed chambers,  $O_2$  partial pressures 160—350 mm Hg (21—46%) are considered safe. High  $O_2$  partial pressures (418—420 mm Hg) reduce lung activity, cause chest pains, etc. The maximum safe limit for  $CO_2$  concentration set for Vostok cabins was

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UDC: none



ACC NR: AP7005120

1% ( $p\text{CO}_2 = 8 \text{ mm Hg}$ ). In Vostok-2,  $\text{CO}_2$  concentration varied from 0.25—0.44%. Acceptable relative humidity by Soviet standards is 30—70%. In Vostok-1 humidity ranged from 62% at the beginning to 69% at the end. In Vostok-2, humidity varied between 53 and 54%. Soviet standards for permissible air contaminants (in parts per million) are: acrolein - 1.8, ammonia - 50.0, amylacetate - 1.0, chlorine - 3.5, organic sulfides - 0.005, ozone - 0.05, pyridine - 0.25,  $\text{H}_2\text{S}$  - 0.2, and tetrachlormethane - 70.0. Absorption filters used on the Vostoks are described as shockproof, fireproof, chemically stable in oxygen-rich atmospheres at high temperatures, made of porous synthetics, and covered (i.e., surfaced) with hygroscopic material which crystallizes upon exposure to humidity. They also remove dust. Soviets use one kind of filter to remove  $\text{CO}_2$ , CO, and  $\text{H}_2\text{S}$ , and a second type which removes  $\text{NH}_3$ ,  $\text{H}_2\text{S}$ , and other gases (see Fig. 1). The "regeneration unit" (RG) is a sealed container with "regenerative" material (not specified) and a regulatory mechanism (R). Dust- and odor-catching filters are placed on the "regeneration unit" outlet. Ducts leading from the ventilator fan (VR) to the dehumidifier (ODV) are equipped with louvers, one of which is controlled by the humidity sensor, while the other is operated manually. The outlet from the dehumidifier also contains a dust filter. The automatic gas analyzer (AP) registers percentages of  $\text{O}_2$  and  $\text{CO}_2$  and transmits this data to indicators ( $\text{UO}_2$  and  $\text{UCO}_2$ ) on the cabin instrument panel and to ground stations telemetrically. A warning lights up on the panel if safe limits are exceeded. Cabin air containing  $\text{CO}_2$ , water vapor, and contaminants is removed from the cabin by the ventilator fan (VR) and moves to

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the "regenerating unit" (RG) where CO<sub>2</sub>, water vapor, and contaminants are absorbed and a certain amount of oxygen is released. The remaining contaminants are caught by exit filters. The desired O<sub>2</sub> concentration is maintained by the regulator (R). When humidity rises above 70%, an automatic mechanism opens louvers which cause air to pass through the dehumidifier (ODV). When humidity in the cabin drops to 35 ± 5%, the louvers to the dehumidifier close automatically. These louvers can also be controlled manually. Temperature in the cabin is controlled by an air-liquid heat exchanger (K-V) with its own temperature sensor (CT), thermostat (T), amplifier (ZS), exhaust fan (OVR), and electrically controlled louvers (EO and U). The air cycle is open while the liquid cycle is closed. A special device catches condensed water. The desired temperature is set manually on the thermostat (T). When cabin temperature deviates from the set temperature, the electrically controlled louvers (EO and U) alter the amount of air to the air-liquid heat exchanger (K-V) which cools the air. Temperature control can be maintained with an accuracy of ±1.5C. Cabin climate-control equipment is turned on four hours before takeoff for checking out. The cabin is sealed one hour before takeoff. Prior to launching the air pressure in Vostok-2 was 750 mm Hg, the temperature was +19C, and the relative humidity was 62%. These values changed insignificantly during flight. Orig. art. has: 10 figures and 3 tables. [BM]

SUB CODE: 06/ SUBM DATE: none/ ATD PRESS: 5115

Card 4/4

LANGOVA, Jirina; STVERAKOVA, Maria

Hearing disorders after epidemic cerebrospinal meningitis. Cas.lek.  
cesk 99 no.511577-1582 16 D '60.

1. Foniaticka laborator fakulty vseobecneho lekarstvi KU, reditel  
prof. Dr. Sc. MUDr. M. Seeman.

(MENINGITIS compl) (DEAFNESS etiol)

Internal Medicine

CZECHOSLOVAKIA

FRANK, Zdenek; ~~STVERAL, Jiri~~; DVORAK, Josef; Institute of Aeronautical Medicine (Ustav Leteckeho Zdravotnictvi), Prague.

"Radio Waves Another Scourge of Civilization."

Prague, Radar, Vol 1, No 3, Nov 66, pp 56 - 58

**Abstract:** Factors influencing the medium in which people are living are discussed. Radio waves are defined as waves with frequencies between 100 kilocycles and 3,000,000 kilocycles, that is waves 1 cm to 3,000 meters long. Although these waves do not affect the senses of the body, they do have an influence on it. Thermal and non-thermal effects of the radio waves on the human organism are described. Clinical aspects of these effects are evaluated. Some of these effects are described in detail. Protection against the influence of electromagnetic fields is discussed; some peculiar effects of these fields on human beings are described. Biological effects of radio waves are discussed. 1 Table, no references.

1/1

STVERKA, F.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653710009-9"

National Conference of Inventors and Improvers in the Foundry Industry. p.122  
(Sbirka, Vynalezu, Vol. 6, No. 6, June 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) 1C. Vol. 6, No. 9, Sept. 1957. Uncl.